

**Region 20 – 821 MHz Regional Planning Committee**  
*District of Columbia, State of Maryland and Northern Virginia*

G. Edward Ryan, II, Chairman  
c/o Maryland Department of Budget and Management  
301 West Preston Street, Suite 1304  
Baltimore, Maryland 21201

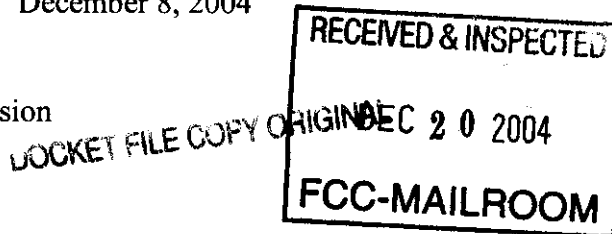
Phone: 410-767-4219

e-mail: ryan@dbm.state.md.us

Fax: 410-333-5163

December 8, 2004

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 Twelfth Street, S.W.  
Portals II, TW-A325  
Washington, DC 20554



**RE: NPSPAC 821 MHz Region 20, FCC GN. Docket No. 90-7**  
**Revised Frequency Assignment Table (Window 4A) and Plan Amendment**

Dear Secretary Dortch:

This letter, with attachments is being filed as an amendment to the Region 20-821 MHz NPSPAC plan, FCC GN. Docket No. 90-7.

- 1) **Attachment 1** is the revised **Frequency Assignment Table**, titled *Appendix I*, dated 12-3-04. This revision reflects the following changes which are shown with a "\*\*\*" next to the affected channel.
  - a. Modification of operating perimeters of existing channels in Fairfax County, Virginia.
  - b. Completion of the required adjacent region concurrence of one (1) channel to Charles County, Maryland.
  - c. Completion of the required adjacent region concurrence of two (2) channels to Fauquier County, Virginia.
  - d. Completion of the required adjacent region concurrence of one (1) channel to Loudoun County, Virginia.
  - e. Completion of the required adjacent region concurrence of one (1) channel to the UMES (Upper Maryland Eastern Shore) Queen Anne's, Talbot and Caroline Counties, Maryland.
  - f. Completion of the required adjacent region concurrence of one (1) channel to Carroll County, Maryland.

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- 2) **Attachment 2** contains the concurrence from each region adjacent to Region 20 for the channel assignments as revised in this amendment. They are Region 28, Region 36, Region 42 and Region 44.

Given the importance of these assignments to Region 20 applicants, please notify me when the FCC has approved this plan amendment. Feel free to contact me at 410-767-4219 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Edward Ryan, II".

G. Edward Ryan, II  
Chairman  
Region 20-821 MHz Committee

cc: Howard Redman, Secretary, Region 20 – 821 MHz  
Sam Somers, Vice-Chair, Region 20 – 821 MHz  
Gary McKelvey, Chair, Technical Subcommittee  
Applicants

## REGION 20 FREQUENCY ASSIGNMENTS

Windows 1, 2, 3, and 4A<sup>1</sup>

<i>Jurisdiction / Geographic Area</i>	<i>Assigned Channels</i>				
Alexandria City, VA	673	675	810		
Anne Arundel County, MD	636	750	777	798	818
Arlington County, VA	654	662	727	766	
Baltimore City, MD	608	615	617	627	634
	647	650	663	665	667
	669	672	687	689	692
	707	710	712	739	745
	747	752	759	761	763
	765	767	775	787	796
	801	807	810	821	827
Baltimore Washington Airport Baltimore, MD	620	655	697	701	742
Calvert County, MD	670	686	690	695	779
Carroll County, MD	612	686	702	709	711
	713	720	748	778	829*
Charles County, MD	605*	625	803	823	
Fairfax County, VA <sup>2</sup>	609	611	623	631	633
	657	685	688	697	699
	705	708	725	738	749
	751	758	762	776	791
	797	817			
Fauquier County, VA	615*	710	729	741	747
	787	795	829*		
Frederick County, MD	646	670	769	789	811
Harford County, MD* <sup>3</sup>	619	622	659	698	704
	736	781	813	816	
Howard County, MD	602	604	630	640	643

## REGION 20 FREQUENCY ASSIGNMENTS

	652	674	676	684	724
	737	754	756		
Loudoun County, VA	641	644	661	678	681
	701	722*	755	804	813
	824				
Manassas City, VA.	606	608	743	783	785
Maryland Central Booking Baltimore City, MD	606	611	623	726	784
Montgomery County, MD	616	621	626	638	649
	732	740	744	746	760
	764	773	780	782	786
	800	802	806	820	822
	826				
Metro Washington Airport Authority Arlington, Loudon & Fairfax Counties, VA	603	651	668	671	691
	703	716	718	768	808
	815				
Princes George's County, MD	607	614	618	645	660
	682	722	770	788	790
	812	828			
Prince William County, VA	613	635	637	653	655
	674	676	731	736	745
	765	778	799	801	819
	821	827			
RINS – Washington DC Metro Area	792				
Saint Mary's County, MD	612	634	658	713	724
	735	748	763	809	814
SERS 01 Alexandria, VA	720				

## REGION 20 FREQUENCY ASSIGNMENTS

Upper Maryland Eastern Shore	644	653	661	675	719
Talbot and Queen Anne's Counties, MD	773* <sup>4</sup>	785	789	805	830
University of Maryland College Park College Park, MD	632	726	784	794	830
Washington Council of Governments Washington DC Metro Area	628 734	664	666	694	714

File: Appendix I 12-3-04.doc

<sup>1</sup> \* = Window 4A assignment.

<sup>2</sup> Modification to licenses granted by the Commission in the Region 20 Window 1.

<sup>3</sup> Modification to licenses granted by the Commission in the Region 20 Window 3.

<sup>4</sup> Channel 793 has been replaced with channel 773.

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Fairfax County, VA**

System Modification per Cover letter  
and  
Technical Data Submitted

**December 31, 2003**

Approved  Region 28  
Regional Chairperson

Date 9/1/2004

*Special Conditions:*

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

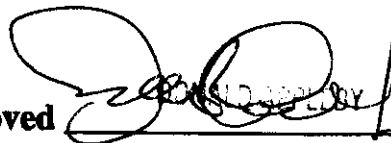
**Fairfax County, VA**

**System Modification per Cover letter  
and  
Technical Data Submitted**

**December 31, 2003**

Region 36 concurs with the proposed modification.

Approved



Region 36

Regional Chairperson

Date

July 7, 2004

***Special Conditions:***

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Fairfax County, VA**

System Modification per Cover letter  
and  
Technical Data Submitted

**December 31, 2003**

Approved Frederick B. Smart Region 44  
Regional Chairperson  
Date 7-7-09

***Special Conditions:***



**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Charles County, MD**  
December 31, 2003

**Channel**

**605**

Approved *Richard R. Reppel* Region 28  
Regional Chairperson

Date 9/1/2004

*Special Conditions:*


**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Charles County, MD**  
**December 31, 2003**

**Channel**

**605**

Region 36 concurs with the proposed allocation.

Approved  **Region** 36  
Regional Chairperson  
**Date** July 7, 2007

***Special Conditions:***

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Charles County, MD**  
December 31, 2003

Channel

605

Approved Fredrick B. Smart Region 44  
Regional Chairperson

Date 7-7-04

*Special Conditions:*

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Fauquier County, VA**

**December 31, 2003**

**Channels**

**615**

**829**

Approved Richard R. Benjumea Region 20  
Regional Chairperson

Date 9/1/2004

*Special Conditions:*

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

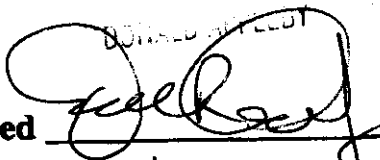
**Fauquier County, VA**  
December 31, 2003

**Channels**

**615**

**829**

Region 36 concurs with the proposed allocation

Approved  Region 36  
Regional Chairperson  
Date July 7, 2004

***Special Conditions:***

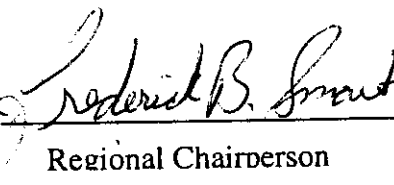
**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Fauquier County, VA**  
December 31, 2003

**Channels**

615

829

Approved  Region 44  
Regional Chairperson

Date 7-7-04

***Special Conditions:***

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Loudoun County, VA**

**December 31, 2003**

**Channel**

**722**

Approved Richard B. Reynolds Region 28  
Regional Chairperson

Date 9/1/2004

***Special Conditions:***

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**


**Loudoun County, VA**

**December 31, 2003**

**Channel**

**722**

Region 36 concurs with the proposed allocation

Approved  **DONALD APPLEBY** Region 36  
Regional Chairperson

Date July 7, 2004

***Special Conditions:***



**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Loudoun County, VA**  
December 31, 2003

Channel

722

Approved Frederick B. Smart Region 44  
Regional Chairperson

Date 7-7-04

*Special Conditions:*

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**UMDES  
Queen Anne's, Talbot & Caroline Counties, MD  
December 31, 2003**

**Channel**

**773**

Approved Richard R. Reynolds Region 28  
Regional Chairperson

Date 9/1/2004

*Special Conditions:*

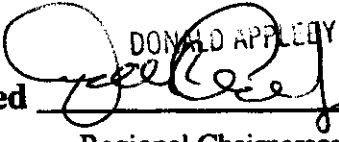
**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**UMDES  
Queen Anne's, Talbot & Caroline Counties, MD  
December 31, 2003**

Channel

**773**

Region 36 concurs with the proposed allocation

Approved  Donald Appleby Region 36  
Regional Chairperson  
Date July 7, 2004

***Special Conditions:***

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**UMDES  
Queen Anne's, Talbot & Caroline Counties, MD  
December 31, 2003**

Channel

773

Approved Frederick B. Smart Region 44  
Regional Chairperson

Date 7-7-04

*Special Conditions:*

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Carroll County, MD**

**December 31, 2003**

**Channel**

**829**

Approved *Richard G. Bernehl* Region 28  
Regional Chairperson

Date 9/1/2004

***Special Conditions:***

# **Region 20 – 821 MHz Adjacent Region Coordination Request**

**Carroll County, MD**  
**December 31, 2003**

## **Channel**

**829**

Region 36 has concerns about the operation of Carroll County on channel 829 and interference with the Commonwealth of Pennsylvania. The operation of Carroll County is by design required to provide primary coverage into Pennsylvania. We have concerns that the plots provided show only very slight differences between the 5 and 25 dBu contour, notwithstanding a 20 dB difference in signal level. We attempted to duplicate the plots, only to be stymied by inaccurate information on the FDR2 form. All sites, except one, show the exact same ERP, antenna height, ground elevation, and HAAT. We have attached plots of the Commonwealth sites that cause us concern.

Region 36 will be happy to reconsider this proposal upon submission of corrected contour plots and technical data, showing consideration for the existing Commonwealth of Pennsylvania system.

We believe these concerns can be addressed and resolved, however we need to base this action on corrected contour plots. Please note the distance showing the 20 dB difference on the contour plots provided by the Commonwealth. These contours were produced using different propagation programs. As the 5dBu contour represents the distance where the co-channel can be re-licensed without interference, a 50 mile contour is not unreasonable.

Not Approved

  
Regional Chairperson

Region 36

Date

July 7, 2004

**Special Conditions:**

**Region 20 – 821 MHz  
Adjacent Region Coordination Request**

**Carroll County, MD**  
December 31, 2003

**Channel**

**829**

Approved *Frederick B Smart* Region 44  
Regional Chairperson

Date 7-7-04

*Special Conditions:*

# Region 42 (800 MHz) *National Public Safety Planning Advisory Committee*

August 13, 2004

G. Edward Ryan, II, Chairman  
Region 20 – 821 MHz Regional Planning Committee  
District of Columbia, State of Maryland and Northern Virginia  
C/O Maryland Department of Budget and Management  
301 West Preston Street, Suite 1304  
Baltimore, Maryland 21201

RE: Region 20 Window 4A

Dear Mr. Ryan:

Region 42 has completed its review of Region 20's Window 4A application submissions forwarded to our committee on December 31, 2003. As a result of this review Region 42 approves concurrence of Region 20's Window 4A submissions with the following comment. Although not of concern for Region 42, we noted that Channel 829 was identified for use by both the Carroll County, Md. and Fauquier County, Va. applications. We were not sure if Region 20 was aware of this or not. Region 20 apologizes for any inconveniences that may have been caused by our review. If you have any questions please let me know.

Sincerely



Wayne S. Campagna  
Chairman

Region 42 (800 MHz) Regional Planning Committee  
(434) 971-1022 (O)  
(434) 971-1767 (F)